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								579	741	662	1123
Coatings						742					
					617		579		1761		
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						568				603	
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use	Failure Analysis								51		824
									1941	2035	936
Collision Research (Aircraft)						757					
use	Crash Research (Aircraft)									937	758
										1747	1939
Collision Research (Automotive)						2019					
870	211	12	1063	574	1275	1276	247	248	249		
920	871	1272	1143	1274			1087	868	869		
1880		2272	1273	2274			1088	919			
			2273					1089			
								1169			
Collision Research (Railroad)						Composites					
		1264	1265	1266	1267				1940	1942	
Collision Research (Ships)						Composite Structures					
	424		756			498	499		1322	1323	214
									115		307
										1385	1748
										2225	1819
Collision Research (Railroad)						Compressive Strength					
									1671	1522	
Collision Research (Ships)						1652					
										1526	
Columns						Compressor Blades					
2210	101	1102		295		608			292	293	99
	2211								1572	963	799

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Compressors

1460 1261 2002 1074 1075 586 527 368
2181 2265 1076 1657
1476

Computer Aided Techniques

170 11 1492 1973 54 775 1057 68 139
340 401 1582 2213 904 905 2177 698 889
1950 571 2263 1564 1945 1338 1959
881 1774 1538
1311 1974

Computer Programs

20 21 222 123 84 745 226 227 18 19
220 221 292 193 194 925 316 607 228 229
420 421 422 223 224 1445 496 737 488 419
500 571 442 243 314 1635 536 1127 498 469
710 741 742 363 424 1725 736 1177 518 499
740 911 862 423 444 1925 746 1727 618 739
810 921 922 473 744 1935 856 1927 738 799
910 1311 1042 703 804 2135 1126 1038 1309
1310 1391 1142 733 924 1556 1088 1559
1500 1501 1722 743 1564 1726 1308 1599
1580 1721 1902 853 1724 1806 1728 1629
1610 1971 2092 923 1924 1926 1858 1729
1720 1991 943 1879
1730 2281 1283 1999
1790 1633 2209
2000 1673 2249
2040 1723

Computer Simulation

1001 1002

Computerized Simulation

1320 1311 223 224 888
1631 813 844 1318
1083
2073

Computer Storage Devices

1545

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903

Concentric Structures

1614

Concretes

483 1286
2153 1646

Condensation Method

552 553 554

Configuration Effects

use Geometric Effects

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616 468

Conical Shells

1613 1824 615 189

Constitutive Equations

765 937 258
948

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1419

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160 1437
520

Contact Vibration

2208

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482 316 327 2268 539

Continuous Parameter Method

1711 1989

Continuum Mechanics

942

Control Equipment

850 2212 2213 174 1375 806 1709
1705

Control Systems

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1455 2086 1868 359

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use Fans and Cooling Systems

Cooling Systems

1601 363 1464 315

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Cooling Towers							Crashworthiness										
960	631	122	123	1825	338	339	920	1272	153	1264	1265	1266	1267				
	1391	632		2235	1558		1880		1273	1674		1726					
	1431	2122							2063								
	1841																
Core-Containing Structures							Critical Damping										
				516					1873								
Cornering Effects							Critical Speeds										
		1473				879	1590		613	1354	365	596	2287	278			
							2110		633			1356					
												2176					
Correlation Techniques							Cross Correlation Technique										
	1891	1502		1975	1206	1608			303		1855		1608				
Coulomb Friction							Curve Fitting										
	1521		1943	1854		1678								1588			
						1878											
						1908											
Coupled Response							Curved Beams										
550	1761	882	1783	555	946	617	2078					1556					
580				635	1656	1237		792	983	794							
				1665	2226			1782		2194							
Coupled Systems							Curved Plates										
			1294	1205		1107											
							1411										
Couplings							Cushioning										
2220	1421	2222	393	1585		877		use	Impact Shock	Insulation							
			613														
Crack Detection							Cutting										
				1955									1067				
Crack Propagation							Cylinders										
1160		222	1554			2158	509	60	941	102	703	1144	815	1396	297	468	
2160						2159		610	1201	1192	1193	1154	1105	2006			
								940	1801	1762	1803	1184	1145				
Cracked Media																	
	1161		713	714	1105	398		1390	1802		1574	1155					
			933	1894		1518						1185					
Crane Booms							Cylindrical Bodies										
						1318		use	Cylinders								
Crankshafts							Cylindrical Shells										
1980	1981	1982				1979		120	491	482	633	524	635	116	117	118	119
								330	1611	492	1833	634	1205	1016	1017	328	329
								610	1831	1402	2043	1204	1395	1206	2047	1128	619
Crash Research (Aircraft)																	
	151	152	1673	1674	1726	1848	1849	1830	1612		1394	2045	1396		1198	1229	
									1832		1824		1826			1829	
	351	1032							2042		2044		2046				
											2234						
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Damage											
1110				577							
Damage Prediction											
572			1126		858						
1142											
Damped Structures											
430	1983		95	1326	1517	8	1819				
1220						788					
1290											
Dampers											
1752			2156								
Damping											
402	63	1324			97						
1482	1303										
1633											
Damping Coefficients											
700	1791	733	64	465	726	2077	98	1149			
740		1793	174	605	1766						
1690			464	1655							
			1855								
Damping Effects											
480			784	2225		787		349			
2020											
Damping Materials											
						1327					
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1651	1753										
Dams											
1240	411	412	444	355	1667	1048	1669				
1670	861		2284			1668					
1671											
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970					1587						
Data Processing											
1090	881		1514			589					
1970						1929					
Data Recorders											
591											

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916

Design Techniques

340	11	1432	1683	834	1895	316	277	1548	1069
660	171		2263	1444		1566	367		2279
670	401					1686	977		
2050	571					1896	1057		
2110	731					2086	1307		
2011							1567		
2051									

Diagnostic Instrumentation

1770	451		954		586		68	69
							778	779
								959

Diagnostic Techniques

260	261	1072	773	264	65	66	267	268	1159
620	1031	2172	1953	774	265	456	777	688	1339
960	1311	2182	2093	954	775	776	957	898	1769
1340	1771		2173	2174	955	956	1957	958	1959
2170	2171		2183	2184	1545	1956	2167	1158	2169
2180	2181				1954	2176	2177	1338	2179
					1955			1958	
					2175			2168	
								2178	

Diesel Engines

890	1271		1223	1164	265		647		939
1150	2271								1269
1270									

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557

Digital Simulation

890		1953							1109
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1090	21	1302				1906			589
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Discontinuity-Containing Media
120 942 933 714 1105
1733

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use Disks

Disks
801 802 2233

Disks (Shapes)
1610 321 1386 2027 1288

Dissipation Factor
2058

Distillation Equipment
1328

Distribution Functions
1706

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use Drills/Ships

Drive Line Vibrations
1870 893 1196 1869

Drive Shafts
408 179
1979

Drop Tests (Impact Tests)
1034 1035 1036 1037

Ducts
300 301 302 103 104 105 106 997 298 299
470 471 612 303 1804 1575 1106 1377 808 469
1380 611 1723 2004 1805 1376 1577 998 809
1580 2214 2005 1426 2007 1378 999
2135 1576 1428 1379
2006 1578 1579

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1904

Dynamic Antiresonant Vibration Isolators
1064

Dynamic Balancing
960

Dynamic Buckling
1102 2043 494

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10

Dynamic Excitation
1165

Dynamic Loads
use Dynamic Excitation

Dynamic Modulus of Elasticity
56

Dynamic Plasticity
980 1823 1814 416 217
1000

Dynamic Properties
1011 732 1174 1565
1491 1542

Dynamic Relaxation
623

Dynamic Response
50 331 422 1993 614 85 396 37 8 799
1660 421 652 2153 1894 935 886 1257 488 819
651 2082 906 1617 528
931 1446 1877 948
1151 1616 1947
2236

Dynamic Shear Modulus
1802 1765 1766

Dynamic Stability
1900 112 1443 1624 1625 306 1187 909
2000 982 1995 846 1627 1189
1156 2277 1899
1486

Dynamic Stiffness
860 883 605 1047 859
950

Dynamic Structural Analysis
1500 481 1492 203 904 905 446 207 398
1730 921 1792 1103 1015 916 1697 1818
1491 1493 1295 2237
1865
2285

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Dynamic Structural Response
use Dynamic Response

Dynamic Synthesis
662 904

Dynamic Systems
400 1302 1494 907 748 199
1137 2128

Dynamic Tests
140 381 282 1443 655 856 177 138 639
1790 681 592 1563 1525 1006 1007 938 739
881 1522 1753 1526 1008
1941 1652 2013

Dynamic Vibration Absorption (Equipment)
643 644 335 1836

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Earth Structures
1672

Earthquake Damage
710 1851 572 1596 1197 1199
1852 1597

Earthquake Prediction
752

Earthquake Resistant Design
Use Earthquake Resistant Structures

Earthquake Resistant Structures
1010 241 242 163 524 1115 1216 497 138 139
2080 411 412 243 1234 1235 1236 517 378 519
861 1142 1233 1484 1505 1027 518 2049
1991 1232 1373 1594 1595 1417 1028
2261 1483 2008
1593
1643

Earthquake Response
1240 1141 932 573 944 355 176 1857 2248 1449
1320 1451 1853 1504 685 516 1927
1450 2283 1525 1926 2087
1730 2215
1750
1850
2020
2210

Earthquakes
271 1742 753 434 2146

Eccentricity
1449

Eigenvalue Problems
200 821 552 553 744 5 356 758 399
990 1102 783 616 1209
1490 1892 1289

Eigenvalues
use Eigenvalue Problems

Elastic Analysis
1003 1004
1203

Elastic Foundations
1550 2031 92 93 994 826 2227 2048 929
1182 1403

Elastic Media
760 761 762 763 764 58 759
1740 941 942 934 1518 1149
1151 1152 1754

Elastic-Plastic Properties
2040 1561 1392 1444 325 327
1415 1827

Elastic Properties
2041 953 974 1785 937

Elastic Waves
1740 31 62 604 795 206 1577 928 619
1301 1312 1345 2016 929
1821 1612 1805 1379
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Elastodynamic Response
1105 2127
1755

Elastohydrodynamic Properties
2208

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Elastomers										Energy Methods																																							
583					1586					1327		28			820		911			595																													
2133										2058																																							
										Energy Storage Systems																																							
Elasto-Plastic Properties										833																																							
1181					906										Engine Mounts																																		
2151															1245																																		
Electric Generators										Engine Mufflers																																							
use					Electric Power Plants					341					406					407																													
Electric Power Plants										Engine Noise																																							
1433					1434					167					2008					1621					1343					504					505					529									
1503																				2271																													
1983																																																	
2093																																																	
Electrical Machines										Engine Roughness																																							
1503																				543					544																								
Electrodynamic Shakers										Engine Vibration																																							
271					1962					2188										2270					542					888					889														
																				1572																													
Electrohydraulic Shakers										Engines																																							
1341																														1958																			
Electromagnetic Excitation										Environmental Effects																																							
1962																									704					1507					589														
Electromagnetic Properties										Environmental Simulation																																							
					1065																				704																								
Electromagnetic Shielding										Equations of Motion																																							
					1017															581					202					814					595					736					1979				
																									652					824																			
																									922					1184																			
Electronic Instrumentation																				1764																													
972					964																																												
Enclosures										Equipment Mounts																																							
1422					503					504					505										165					677																			
					1423					1424					1425										685																								
Energy Absorbers										Equipment Response																																							
use					Energy Absorption															2150					35					2088																			
																									685																								
																									2185																								
Energy Absorption										Equivalent Linearization Method																																							
500					141					1032					143					334					645					336					337					498					499				
					1221					2052					1743					424					2055					1186					1837					1838					919				
					2261										2053					2054										2057										1219									
Energy Dissipation										Error Analysis																																							
142					953					1765										2					203										77					18					579				
																																			207					1968									

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Exhaust Noise

1840

Exhaust Systems

52

302

Expansion Joints

1586

Experimental Data

370 151 42 153 784 1185 1236 107 48 1029
 1060 181 342 163 1204 1525 1346 1217 198 1869
 1450 971 1132 1043 2274 1426 1347 788 2279
 1610 1891 1522 1143 1507 1028
 1620 1572 1513 1098
 1880 1563 1268
 2273

Experimental Results

use Experimental Data

Explosion Detection (Nuclear)

use Nuclear Explosion Detection

Explosion Effects

1722 44
 244
 1524

Explosions

41 246
 576

Explosives

1544 578

Extremum Principles

1392 1414 1415

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Failure Analysis

2002 34 816 817 509
 784 889

Fan Blades

use Fans

Fans

290 291 372 1433 2156 607 168 169
 370 371 792 2176 1687 298 339
 730 1432 338 369
 960 1752 528 529
 1070 838 879
 878 1069
 1259
 1799
 1999

FAST (Computer Program)

229

Fast Fourier Transform

90 191

Fast Fourier Transformation

use Fast Fourier Transform

Fasteners

1006 1007 1008

Fatigue Life

620 51 52 33 1384 1965 466 277 2218 149
 2281 1983 1944 766 1959

Fatigue (Materials)

150 2184 1945 776 67 2158 269
 2160 1946 1757 2159

Fatigue Strength

use Fatigue Life

Fatigue Tests

150 1902 1803 1974 575 1756 2247 1628 149
 1972 1973 2254 2255 1946 2257 2258 1959
 2203 2256

FESAP (Computer Program)

420

Fiber Composites

1940 251 262 414 2035 936 217 1939
 1941 1322 1024 1746 1747

Finite Difference Technique

2252 1076 489

Finite Difference Theory

use Finite Difference Technique

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Finite Element Technique

200	91	132	243	4	45	176	37	308	399
400	121	222	433	124	355	546	297	398	419
420	401	482	443	424	445	1046	397	418	499
580	561	492	483	444	905	1186	707	558	739
740	741	562	723	684	1005	1366	987	718	819
800	801	792	743	744	1015	1446	1077	728	839
970	1301	802	903	1014	1145	1496	1157	738	859
1470	1361	1122	913	1144	1295	1996	1397	1048	909
1500	1391	1192	1203	1334	1335		1407	1088	979
1560	1691	1642	1283	1414	1445		1747	1128	1019
1590	1711	2152	1523	1474	1895		1817	1288	1319
2050	1761	2252	1553	1904	1925		1947	1408	1789
	1791		1793		1935			1828	1879
	1871		1823		2035			2008	1919
	1991				2285				
	2051								

Finite Strip Method

851	1025	126	2048
		2036	

Flexibility Methods

17

Flexible Couplings

2220	108
	978

Flexible Foundation

1096

Flexible Rotors

1950	2161	182	2164	2165	1546	1337	2278
					2166		

Flexible Shafts

1548

Flexural Response

825

Flexural Stiffness

2223

Flexural Vibrations

90	91	102	323	284	95	126	87	128	789
280	321	642	833	324	295	326	127	828	1179
490	701	812	1603	484	485	486	597	1208	1209
1180	1021	1602	1833	1324	2115	616	787		1709
1410	2031	1812	2033	1394		826	1017		
1550				1754		1136	1817		
				2234		1386			

Flexural Waves

1820

Flight Simulation

1541	1542	157	188
		187	

Flight Tests

900	1453	1486	1628
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Flight Vehicles

2070	1531	1764	447
		2244	

Floating Bodies

use Floating Structures

Floating Ice

896

Floating Structures

703	164	946
1153		

Floors

164	1126	837
		1417

Floquet Theory

1003

Flow-Induced Excitation

use Fluid-Induced Excitation

Flow-Induced Vibration

use Fluid-Induced Excitation

Flügge's Shell Theory

117

Fluid Couplings

394

Fluid-Filled Containers

491	312	2023	524	475	327	88
1761	1012		2284	635	1207	328
	1202				1827	438
					2227	1808
						1828

Fluid-Filled Media

257

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Fluid-Film Bearings

726 1369

Fluid Film Damping

1325

Fluid Hammer

314

Fluid-Induced Excitation

60 231 312 114 115 626 617 88 59
 230 311 1012 294 365 1076 767 468 299
 310 641 1202 724 445 1416 1387 768 309
 1040 1201 1074 945 2186 1607 878 319
 1460 1801 1184 1075 1627 1328 609
 1520 2024 1155 2047 1568 709
 1600 1185 2137 1638 769
 1760 1205 2227 1808 1329
 1820 1519
 2070 1639
 1689
 1699
 1759
 1809
 2019
 2229

Fluid-Induced Vibrations

use Fluid-Induced Excitation

Fluid Mechanics

2004

Fluids

770 771

Flutter

850 511 292 253 654 845 216 307 708 229
 1990 1191 312 293 1034 945 1036 447 2228 989
 1261 352 1843 1964 1035 1226 607 1289
 1971 462 2023 2064 1365 1716 1037 1359
 512 1445 1906 1117 1439
 1202 2225 1887 1569
 1842 2245 1987 1699
 2112 1729
 2009

Flywheels

833 1469

Foams

1838

Follower Forces

1990 462 994 985 557 1359
 992 1987

Footings

860 2251 1333
 1660

Forced Vibration

90 791 322 603 805 856 607 788 1419
 540 1451 332 1183 1385 986 827 1499
 1781 1832 1313 1406 2037 1699
 1961 1952 2223 1556

FORMAT (Computer Program)

746

Foundations

950 1491 372 473 1334 1045 1046 1047 859
 2253 1534 1335 1666 1667 1319
 1665

Four Bar Mechanisms

1587 1588 2219

Fourier Analysis

1730 962

Fourier Techniques

use Fourier Analysis

Fourier Transformation

974 1818

Fourier Transforms

use Fourier Transformation

Fracture Properties

282 913 715 1026 1757
 1743 1925

Framed Structures

1381 835 518
 2008

Frames

1000 981 1582 1363 1194 2215 716 837 979
 1581 2009

Free Vibration

130 1411 322 903 4 615 86 837 1178 129
 320 332 1003 94 805 116 1817 2038 629

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Free Vibration (Continued)

600	1022	1213	1004	1025	946	2048	829
800	1832	1403			986		1399
		1603			1406		
					1606		
					1786		

Freight Cars

1262	173	1875	1308
	1463		1878

Frequency Analyzers

1530	962
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Frequency Domain

136	9
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Frequency Domain Method

1482

Frequency Equation

2192

Frequency Meters

1975

Frequency Response

741

Frequency Response Method

1712	198	1119
	1108	

Friction

1292

Friction Bearings

2108

Friction Damping

1463

Frozen Soils

592

Fuel Flammability

1849

Fuel Tanks

2063

1849

Fundamental Frequency

831	993	125	916
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Fundamental Mode

324

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Galerkin Method

684	1786
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Gas Bearings

464	98
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Gas Turbine Engines

1071	2264	1435	2157
		2175	

Gas Turbines

2191	1223	1685	167
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810	472	275	1246	877
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1910	811	682	613	305	2216	107	2218
2180	2011	2012	1583	1195		2217	

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811	792	1413			976	307	1998
821	2202					1797	

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 1241 1282 863 1054 1246 1248
 1053 1244 2246
 1243 1454

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530	1462	883	1874	375	1077	1078					
		1873		1875		1308					
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				395							
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1660		2253	1654			1659					
			1664								
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1550	951	732	13	474	255	176	1157	598	1139		
1730	1651	952	953	1334	1645	256	1197	1528	1319		
	1661		1333		1665	1046	1507	1948	1529		
						1336	1527	2118			
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580	1211	442	943	444	475		547				
710	1761			944							
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	1281	1662	473			386		1658			
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1310			1474						1309		
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						1656			2079			
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						1456	2177					
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2021						425						
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1030	161	162	513	1414	195	606	107	498	689
1450	171	172	533	1474	435	856	577	708	719
1460	271	472	623	1944	665	876	737	1108	1229
1870	341	532	693	1994	735	1226	807	1218	2279
2090	531	662	753		885	1466	887	1658	
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	1101	1092	1053		1295		1467	1868	
	1111	1392	1073		1395		1707	1978	
	1141	1442	1093		1415		2077	2008	
	1281	1482	1193		1495			2078	
	1471	1662	2103		1905				
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	1681				2095				
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450	781	1692	1173	1174	1345	1976	1917		
900	1131		1343	1804	2276				
1780		1963							
2130									

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900	1131	1172	1343	1344	965	1966	1167		2179
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1770		1963					2187		

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1682 1257
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2060 2241 22 23 24 2059
342 843
1222 1033
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100 231 382 663 254 405 236 1687 298 289
160 681 1372 1243 294 425 1116 338 299
170 1061 1683 234 545 2096 368 339
210 1841 2093 404 665 1078 879
230 664 1745 1229
290 1164 1239
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1741 2072 1514 1845 1636 1227
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930	1431	1432	1163	1424	895	506	667	1148	529
1070	1621	1462	1223	1434	1125	646	807	1228	669
1250	1841	1912	1423	1454	1245	676	1147	1278	939
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1840	2061				1835	1256	1437	2088	1249
2050					2075	1436	1457	2098	1269
2100					2105	1686	1637		1429
						1846	2007		1719
						2066			2059
						2266			2099
						2286			

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370		1502	1053	864		167	568	1259	
							1248		
							1458		

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1350	1351	1162	773	894	1315		267	288	1779
		1352					1957	1158	

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912						36			
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2030	711			1004			137	908	1019
							2027		

Nonlinear Springs

1781

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220	201	822		205		1137		419
750		1702				1257		1979

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1500		942	1703		396	37	238	399
1740			2103		536	1697	298	449
							1398	1549

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610	1	2192	1893		2195	276	987	698	279
	201					1306	2027		
	2141								

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570	1321		1224		236	347		569
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510	2101	1722		1144	1145	436		49
1510		1942			1725	1146		
					2135			

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1721	42	43		245	1126			
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Nuclear Power Plants

1260		952	533	364	175	176	377	378	379
2020				534	565	376	497	538	779
				804	885	536	537	618	1599
				884	1085	886	1467	1338	2269
				1084	1465	1086	1937	1468	
						1466	2197	1688	
						1936			

Nuclear Powered Ships

424				498	499				
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Nuclear Reactor Components

1601	422	363	534	315	526	887		1689
			804	535	536	1827		
			1464	1085				
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Nuclear Reactor Containment

143				1827	2268				
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Transportation Vehicles

1062 1253 935 2087
1842

Transverse Shear Deformation Effects

980 91 92 93 284 1365 126 217 458 459
982 833 484 2035 486 1208 819
2032 1403 1604 2225 1016
1553 1814 1366
1603 1986
2046

Transverse Vibration

1290

Traveling Loads

2032

Trees (Plants)

1316

Truck Tires

1218

Trucks

1870 291 892 223 224 275 406 407 1148 1089
501 2273 696 1258 1869
1091

Tubes

310 311 112 313 114 1185 88 59
1600 1201 1202 2023 1184 308 309
1221 2024 438 1599
1601 1808

Tuned Dampers

1749

Tunnel Linings

1452 1507 1508
1948

Tunnels

751 13 1507 1508 49
1528
1948

Turbine Blades

800 1571 802 1303 294 99
2000

Turbine Components

801 802 1983 1195 1956 2287 1978 1949
2279

Turbine Engines

701 745 1958
881

Turbines

880 2092 2263 2107

Turbofan Engines

745
775

Turbofans

684

Turbomachinery

1700 2171 902 2093 584 395 1416 957 878 699
2250 2172 2124 1655 1887 1699
2154 1795 2287
2115

Turbomachinery Blades

1190 802 1569
1570

Turbulence

230 581 664 1997 158 39
1331 1638
2001 1758
1928

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Two-Degree of Freedom Systems

1662

2126

- U -

Ultimate Load

1360

Ultrasonic Techniques

1972 773 774

1738 269

Ultrasonic Tests

use Testing Techniques

Unbalanced Mass Response

2154 365 1196 1477 1478 679

2115 2287

Underground Explosions

1511 42

44

1509

1512

Underground Pipelines

1505

Underground Structures

1462 1593 44 245 436 1157 1198 1199

1772 474 575 816 1197 1508 1529

1084 1145 1596 1597 1598

1144 1595

1594

Underwater Explosions

244

Underwater Pipelines

1390 1013

1389

Underwater Sound

2141 1122 233 1314

276

28 1349

1132 1133

1736

Underwater Structures

460

85

1127

115

1187

Universal Joints

2014

1807

Urban Noise

720

2142

426

357

- V -

Valve Actuators

1374

Valves

2181 2002

804

805

296

807

609

1374

806

1434

996

Variable Cross Section

830 611 1552 1723 1184 1185 826 1407 1398 89

1810 831 1812 1833 1405 1386 2037 789

1361 2143

1396

829

1811

1406

1409

1779

2029

Variable Material Properties

2042 1323 644

307

Variational Methods

561 202 1903 1784 1755 616 1747

1831

V-Belts

1886

Vehicle Response

180 181

144

Vehicle Wheels

696

688

Vehicles

1061

Ventilation

471

2135

2007

Vertical Takeoff Aircraft

650

Vibrating Structures

770 771 1802 463 1404 1345 1706 1767

1801

1855 1936

Vibration Absorbers

use Vibration Absorption (Equipment)

Vibration Absorption (Equipment)

1220

1023

1055

1835

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Vibration Absorption (Materials)

1977

Vibration Analyzers

1891 272

2189

Vibration Control

661 372 53 144 705 686 178 19
1421 1653 154 845 2056 208 1039
1541 194 1055 968 1479
2091 654 1355 2259
2064 1715
2084 2245

Vibration Dampers

971 2182 413 287 658 579
873 2157

Vibration Damping

2270 1611 642 1183 964 385 706 147 439
972 1715 966 487 1809
2182 967
1327

Vibration Excitation

811 35 1188 969
1061 625 1239

Vibration Frequencies

792 695

Vibration Generation

1062 2093

Vibration Isolation

212 874 1055 1676 1678
522

Vibration Isolators

872 523 2084 2085 1866 358 1679
583
2013

Vibration Measurement

590 1641 2072 963 694 1775 566 1787 2188 1539
1090 2081 1613 2275 956 1917 1779
1260 1773 1976 2187 2079
1770 1963 2179
1780

Vibration Meters

1162 76

Vibration Monitoring

2168

Vibration Reduction

use Vibration Control

Vibration Resonance

use Natural Frequencies

Vibration Response

390 101 132 923 124 225 1326 157 188 159
1920 891 852 1903 924 1195 2036 187 628 189
1811 1362 2113 1754 1895 857 898 679
1831 1872 2123 2265 2087 908 729
1871 1348 899
1059
1099
1889

Vibration Signatures

2180 2177

Vibration Spectra

use Vibration Response Spectra

Vibration Tests

80 691 82 83 964 2085 156 78 79
1080 1341 72 273 1694 1176 1538
1451 692 593 1336
1961 1962
2111 2282
2191

Vibration Tolerance

1255

Vibration Tuning

2056 147

Vibrators (Machinery)

1101 1455 549

Vibratory Conveyors

use Vibrators (Machinery) and Materials Handling Equipment

Vibratory Techniques

520 1661 772 213 1166 548
1286 1068

Vibratory Tools

467

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Wedges

2241

Windows

1871

1847

639

1029

Welded Joints

1158

Wind Tunnels

1532 1533

Wheel Shimmy

178

Wind Tunnel Tests

310 371 672 183 674 1165 1486 637 349

570 641 673 1485 569

1443 1675 659

1543 989

Wheels

696 177 688

Whirling

902

1555

1547

59

1469

Wind Turbines

2000 1571

366

1096

1156

Wind-Induced Excitation

1040 591 352 183 564 145 136 117 158 659

1300 641 632 353 1764 705 636 637 608 1559

1330 721 722 1333 1864 1825 656 657 638 2249

1730 731 1532 1863 2234 706 707 658

2280 1251 2283 1796 947 858

1991 1826 1558

2071 2076 1638

1758

1848

Wing Stores

350 511

654 845 156 157

2245 1226

Winkler Foundations

1182

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880

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1010

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